

IN THE CLAIMS

Claims 1-7 are as follows:

1. (Previously Presented) A plasma picture screen, comprising:
  - a front plate;
  - a back plate;
  - a plurality of gas-filled plasma cells arranged between the front and back plates and separated by partitioning walls; and
  - a plurality of electrodes on the front plate and the back plate for generating corona discharges, wherein the front plate includes a glass plate on which a dielectric layer, a protective layer and a UV light reflecting layer are provided, the protective layer is between the dielectric layer and the UV light reflecting layer, wherein the UV light reflective layer covers only a portion of the protective layer.
2. (Previously Presented) A plasma picture screen as claimed in claim 1, wherein the UV light reflecting layer includes oxides of the composition  $M_2O$ , such as  $Li_2O$ , or oxides of the composition  $MO$ , with M chosen from the group Mg, Ca, Sr, and Ba, or oxides of the composition  $M_2O_3$ , with M chosen from the group B, Al, Sc, Y, and La, or oxides of the composition  $MO_2$ , with M chosen from the group Si,

Ge, Sn, Ti, Zr, and Hf, or oxides of the composition  $M'M''_2O_4$ , with  $M'$  chosen from the group Mg, Ca, Sr, and Ba, and  $M''$  chosen from the group Al, Sc, Y, and La, or fluorides of the composition  $MF$ , with M chosen from the group Li, Na, K, Rb, Cs, and Ag, or fluorides of the composition  $MF_2$ , with M chosen from the group Mg, Ca, Sr, Ba, Sn, Cu, Zn, and Pb, or fluorides of the composition  $MF_3$ , with M chosen from the group La, Pr, Sm, Eu, Gd, Yb, and Lu, or fluorides of the composition  $M'M''F_3$ , with  $M'$  chosen from the group Li, Na, K, Rb, and Cs, and  $M''$  chosen from the group Mg, Ca, Sr, and Ba, or phosphates of the composition  $M_3PO_4$ , with M chosen from the group Li, Na, K, Rb, and Cs, or phosphates of the composition  $M_3(PO_4)_2$ , with M chosen from the group Mg, Ca, Sr, and Ba, or phosphates of the composition  $MPO_4$ , with M chosen from the group Al, Sc, Y, La, Pr, Sm, Eu, Gd, Yb, and Lu, or phosphates of the composition  $M_3(PO_4)_4$ , with M chosen from the group Ti, Zr, and Hf, or metaphosphates with a chain length n of between 3 and 9 and the composition  $(M_xPO_3)_n$ , with  $x = 1$  if M is chosen from the group Li, Na, K, Rb, and Cs,  $x = \frac{2}{3}$  if M is chosen from the group Mg, Ca, Sr, Ba, Sn, Cu, Zn, and Pb,  $x = 1/3$  if M is chosen from the group Al, Sc, Y, La, Pr, Sm, Eu, Gd, Yb, and Lu, and  $x = \frac{1}{2}$  if M is chosen from the group Ti, Hf, and Zr, or polyphosphates with a chain length n between  $10^1$  and  $10^6$  and the composition  $(M_xPO_3)_n$ , with  $x = 1$  if M is chosen from the group Li, Na, K, Rb, and Cs,  $x = \frac{2}{3}$  if M is

chosen from the group Mg, Ca, Sr, Ba, Sn, Cu, Zn, and Pb,  $x = 1/3$  if M is chosen from the group Al, Sc, Y, La, Pr, Sm, Eu, Gd, Yb, and Lu, and  $x = 2/3$  if M is chosen from the group Ti, Hf, and Zr, or primary phosphates of the composition  $MH_2PO_4$ , with M chosen from the group Li, Na, K, Rb, and Cs, or  $NH_4H_2PO_4$ , or diamond.

3. (Previously Presented) A plasma picture screen as claimed in claim 1, wherein the UV light reflecting layer includes particles with a particle diameter of between 200 nm and 500 nm.

4. (Previously Presented) A plasma picture screen as claimed in claim 3, wherein the UV light reflecting layer has a thickness of 0.5  $\mu$ m to 5  $\mu$ m.

5. (Previously Presented) A plasma picture screen as claimed in claim 1, wherein the UV light reflecting layer comprises agglomerates of particles having particle diameters of between 10 nm and 200 nm.

6. (Previously Presented) A plasma picture screen as claimed in claim 5, wherein the UV light reflecting layer has a thickness of 0.2  $\mu$ m to 10  $\mu$ m.

7. (Cancelled)